

Memorandum

Date: August 20, 2002

To: Management Agencies

From: Project Agencies
Department of Water Resources

Subject: **Release of Environmental Water Account Assets (Semitropic Water Storage District/Tulare Irrigation District) to the State Water Project as Payment For Past Fishery Actions**

The purpose of this memorandum is to document the concurrence of the EWA Management Agencies to the release of EWA water to the State Water Project. The Management Agencies concur in the release of 15,000 acre-feet, as described on the attached table, to the State Water Project as payment for fishery actions taken pursuant to the CALFED Record of Decision to enhance fishery protection.

The Department of Water Resources scheduled delivery of 15,000 acre-feet beginning February 1, 2002, to the EWA in O'Neill Forebay. The costs associated with the purchase of this water are also identified in the attached table. The Management Agencies have concurred in the release of this water to the SWP as it is made available in O'Neill Forebay and, as a result of this instantaneous release of 15,000 acre-feet, no additional costs associated with the conveyance or storage of this water will be incurred by the EWA. Any operational costs or credits associated with the acquisition, storage, and delivery from San Luis Reservoir to O'Neill Forebay will be applied in a future settlement of all EWA costs and credits.

for Carl A. Torgersen 8/20/02
Carl A. Torgersen, Chief
SWP Operations Control Office
Division of Operations and Maintenance

Chester V. Bowling 8/20/02
Chester V. Bowling
Operations Manager
Central Valley Operations
Bureau of Reclamation

Management Agency Concurrence provided by:

Department of Fish and Game—Perry Herrgesell
U.S. Fish and Wildlife Services—Michael Thabault
National Marine Fisheries Services—Michael Aceituno

Initial PCH Date 8/20/02
Initial MT Date 8/20/02
Initial MA Date 8/20/02

Attachment

cc: (See attached list.)

Environmental Water Account Executed Water Purchase Agreements			
Agency	Date Purchased	Amount of Purchased Water (acre-feet)	Purchase Cost
Semitropic Water Storage District, Tulare Irrigation District and Kern County Water Agency	September 12, 2001	15,000	\$4,500,000
TOTAL		15,000	\$4,500,000

cc: Patrick Wright, Director
CALFED
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Sacramento, California 95814

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ENVIRONMENTAL WATER ACCOUNT
2002 AUGUST STATEMENT

The following EWA operational changes occurred in the Lower American River, and at the SWP export facility between January and June, 2001:

EWA Action No.	Date	Location	Benefits	Amount Of Water (AF)
1	January 17 – 21, 2001	SWP	Salmon/ Steelhead	23,988
2	January 27 – 31, 2001	SWP	Salmon/ Steelhead	45,468
3 ¹	February 1 and 28, 2001	Lower American River	Salmon/ Steelhead	21,000
4	February 1 – 5, 2001	SWP	Salmon/ Steelhead	16,921
5	February 16 – 23, 2001	SWP	Salmon/ Delta Smelt/ Steelhead	34,840
6	February 27 – March 11, 2001	SWP	Salmon/ Delta Smelt/ Steelhead	82,410
7	April 5 – 9, 2001	SWP	Salmon/ Delta Smelt/ Steelhead	20,492
8	April 20 – May 20, 2001	SWP	VAMP	42,884
9	May 21 – 31, 2001	SWP	Salmon/ Delta Smelt	14,517
10	June 1 – 5, 2001	SWP	Salmon/ Delta Smelt	8,874
TOTAL				311,394

¹ The cost to the CVP for implementing this action was included as part of the water year 2001 CVPIA 3406(b)(2) account and was determined by comparing the B(2) base case (D-1485) to actual operations.

ENVIRONMENTAL WATER ACCOUNT
2002 AUGUST STATEMENT (continued)

The following EWA operational changes occurred in the Lower American River, and at the SWP and CVP export facilities between October, 2001, and June, 2002:

EWA Action No.	Date	Location	Benefits	Amount Of Water (AF)
1	October 1 –5 & October 28 – November 14, 2001	Lower American River	Salmon/ Steelhead	20,000
2 ¹	November 14 – 26, 2001	Lower American River	Salmon/ Steelhead	0
3	January 5 – 9, 2002	SWP	Salmon/ Delta Smelt	66,402
4	February 1 – 16 & February 19 – 26, 2002	SWP		75,952
5	March 23 – 29, 2002 March 30 – April 8, 2002	SWP	Delta/ (Conversion) 2:1 Exchange	38,146 40,011
6	April 15 – May 15, 2002	SWP	VAMP	45,422
7	May 16 – May 31, 2002	CVP / SWP	Salmon/ Delta Smelt	69,452 61,915
8	June 1 – June 2, 2002	CVP / SWP	Salmon/ Delta Smelt	2,432 2,741
TOTAL				422,473

The following EWA assets are stored in San Luis Reservoir for the EWA as of August 18, 2002:

	Amount Of Water Purchased (AF)	Amount Of Water Received² (AF)
Kern County Water Agency	97,400	47,400
Sacramento Groundwater Authority	10,000	615
Variable Assets (EWA share of SWP gain in October, 2001)		3,308
Yuba County Water Agency	135,000	13,448
TOTAL	242,400	64,771

An additional 20,006 acre feet of water is available for the EWA in August, 2002 in San Luis Reservoir as part of the 2:1 Exchange Program between the State Water Contractors and the EWA.

¹ Folsom Dam bypassed generation between November 10 and 26, 2001. EWA repaid the CVP between November 22 and 30, 2001. The amount of power exchanged was 4,276 MWH

² These values do not include carriage water (from the Sacramento River and its tributaries), conveyance (from the San Joaquin River and its tributaries, and the aqueduct) or evaporation losses.

ENVIRONMENTAL WATER ACCOUNT
2002 AUGUST STATEMENT (continued)

The EWA assets listed below were released to the State Water Project as payment for 2001 fishery actions pursuant to the CALFED Record of Decision. The water received from Yuba County Water Agency and Oroville-Wyandotte Irrigation District reflects an applicable carriage water loss of 15%.

	Amount Of Water¹ (AF)
<u>2000 Water</u>	
Arvin-Edison Water Storage District/Kern County Water Agency ²	10,000
Rosedale-Rio Bravo Water Storage District/Kern County Water Agency ²	19,036
Westside Mutual Water Company/Kern County Water Agency ²	15,000
<u>2001 Water</u>	
Buena Vista Water Storage/West Kern Water District/Rosedale-Rio Bravo Water Storage District/Kern County Water Agency ²	20,218
ID4/Kern County Water Agency ²	10,000
Variable Assets (October, 2000 – January, 2001) ³	21,459
CVP Water Purchase in San Luis ³	72,280
Buena Vista Water Storage/West Kern Water District/Rosedale-Rio Bravo Water Storage District ³	3,500
ID4/Nickel/Kern County Water Agency ³	10,000
Oroville-Wyandotte Irrigation District ³	8,500
Westside Mutual Water Company/Tejon-Castac Water District/Dudley Ridge Water District/ Kern County Water Agency ³	21,000
Yuba County Water Agency ³	42,500
TOTAL	253,493

¹ These values do not include aqueduct conveyance or evaporation losses.

² A letter dated June 14, 2001 was sent to the Management Agencies requesting approval to release EWA assets to the State Water Project. This letter was signed by the Management Agencies indicating their concurrence in the release of these assets and is posted on the CALFED Ops website.

³ Another four letters dated December 4, 2001, were initialed by the Management Agencies indicating their concurrence in the release of these additional assets to the State Water Project and are posted on the CALFED Ops website.

ENVIRONMENTAL WATER ACCOUNT
2002 AUGUST STATEMENT (continued)

Additional EWA assets pending release to the State Water Project as payment for the 2001 and 2002 expenditures are listed below. The water received from Merced Irrigation District and Placer County Water Agency reflects applicable conveyance and carriage water losses of 10% and 25%, respectively.

	Amount Of Water¹ (AF)
Cawelo Water District/Kern County Water Agency	5,000
Merced Irrigation District	22,498
Placer County Water Agency	15,000
Santa Clara Valley Water District/Kern County Water Agency	30,000
Semitropic Water Storage District/Kern County Water Agency/ Tulare Irrigation District	15,000
Variable Assets (EWA share of SWP gain between February, 2001 – September, 2001) ²	26,449
TOTAL	113,947

EWA ASSET BALANCE (acre-feet)

TOTAL EWA EXPENDITURES

2001 Total Expenditures (January to June, 2001)	290,394
(does not include: EWA Action No. 3)	
2002 Total Expenditures (January to June, 2002)	
(does not include: the release of PCWA water, the relaxations of the E/I ratio, the EWA Asset Conversion and 2:1 Exchange Program)	<u>248,364</u>
TOTAL	<u>538,758</u>

STATUS OF EWA ASSETS

EWA Assets Released to date (June-July, and December 2001)	253,493
<i>EWA Assets Pending Release (as of 8/19/02)</i>	<u>113,947</u>
TOTAL	<u>367,440</u>

Water Owed to the SWP (as of 8/19/02)	<u>99,434 AF</u>
Water Owed to the CVP (as of 8/19/02)	<u>71,884 AF</u>

EWA Assets Stored in San Luis Reservoir ³ (as of August 19, 2002)	64,771
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EWA Assets Involved in the:

Conversion (March 23 – March 29, 2002)	38,146
2:1 Exchange Program (March 30 – April 8, 2002)	40,011
2:1 Exchange Program (August, 2002)	20,006

¹ These values do not include aqueduct conveyance or evaporation losses.

² The Management Agencies approved the accounting of the EWA variable assets acquired between February and September, 2001 on January 4, 2002.

³ This amount does not include carriage water (from the Sacramento River and its tributaries), conveyance (from the San Joaquin River and its tributaries, and the aqueduct) or evaporation losses.